

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962220003-6

The antiscorbutic activity of the reversibly oxidized
form of vitamin C. N. S. Yarusova, Voprosy Pitaniya
3, No. 2, 32-8 (1939).—A review.
S. A. Karjala

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

1730M 519182174

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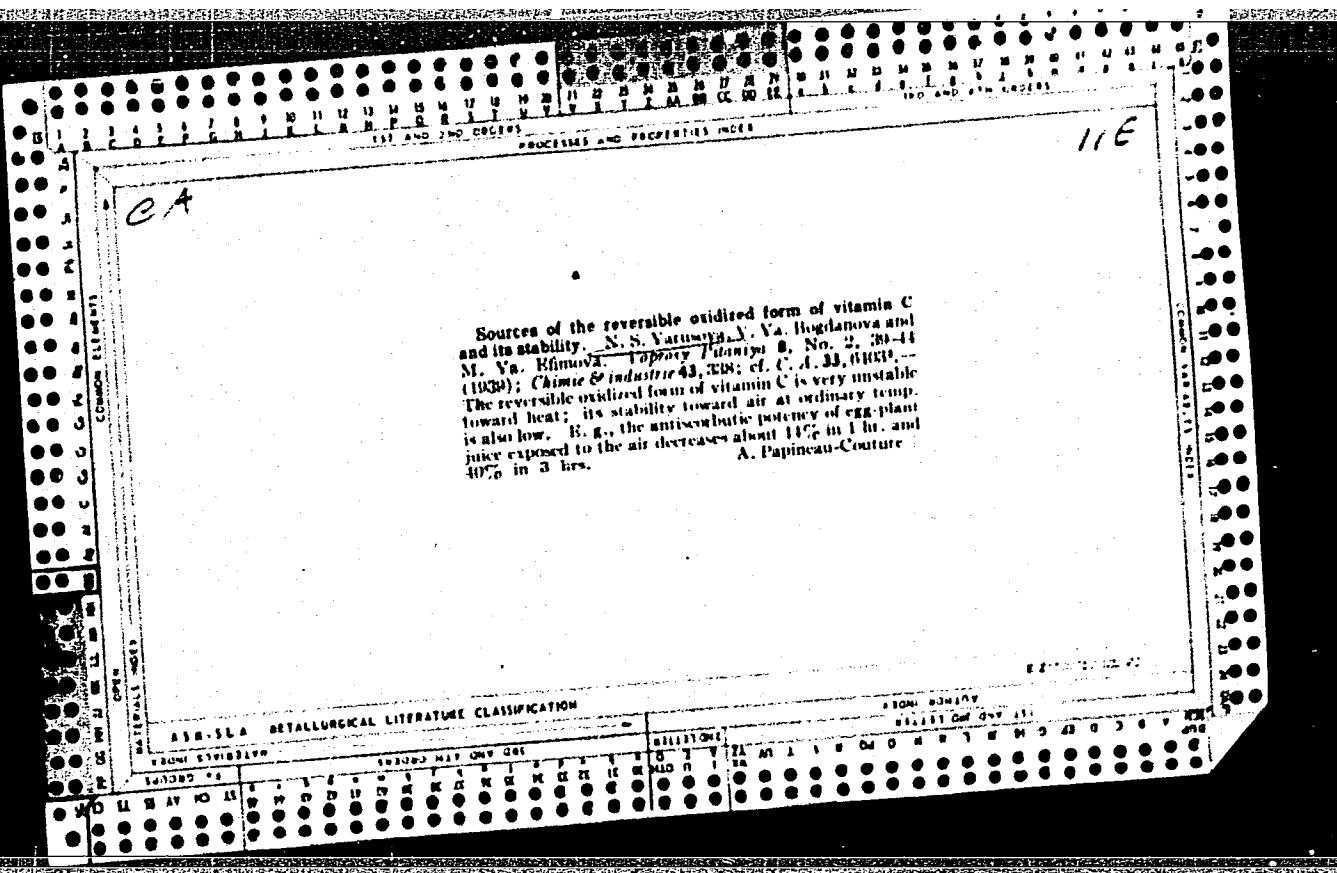
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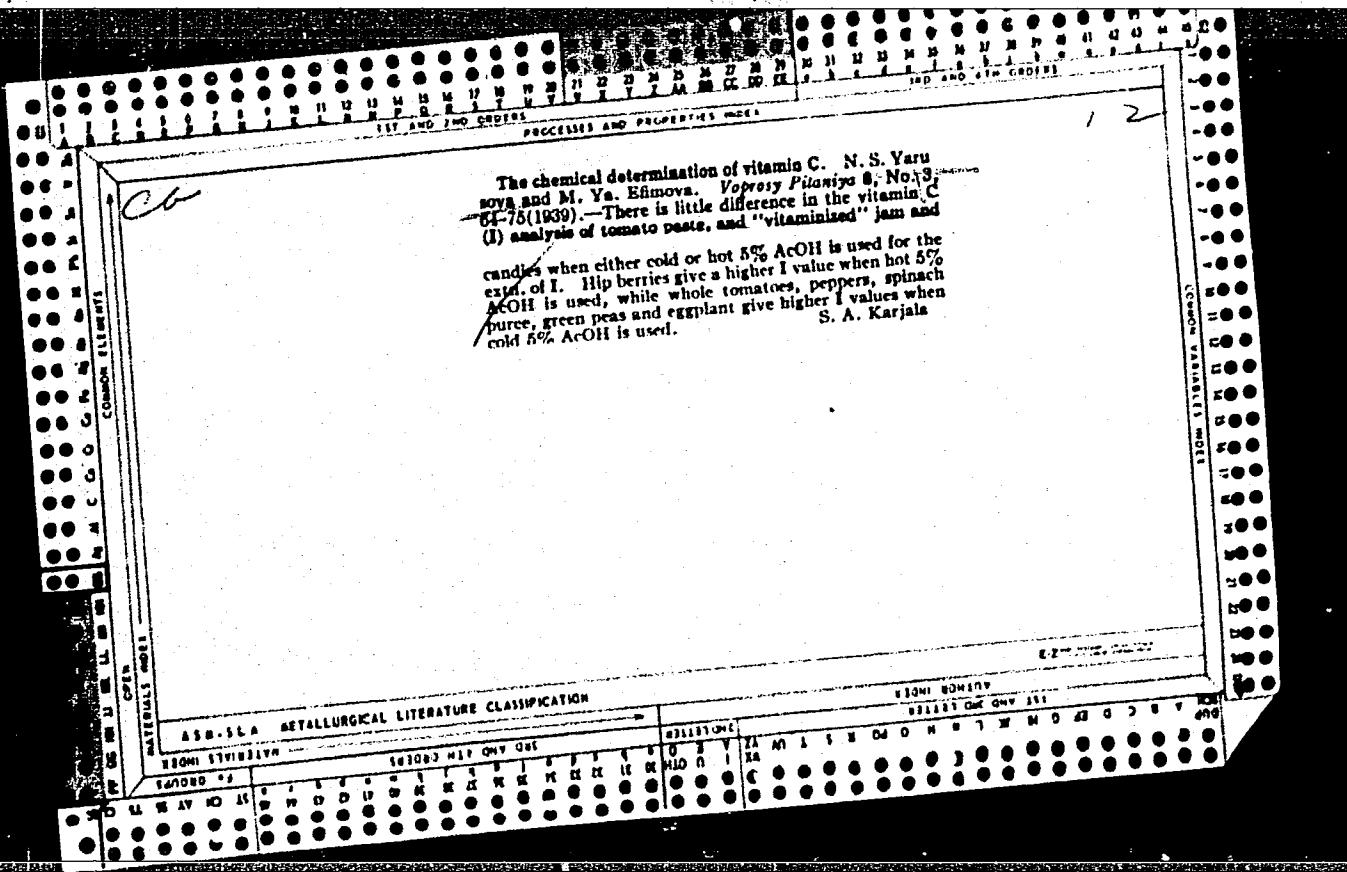
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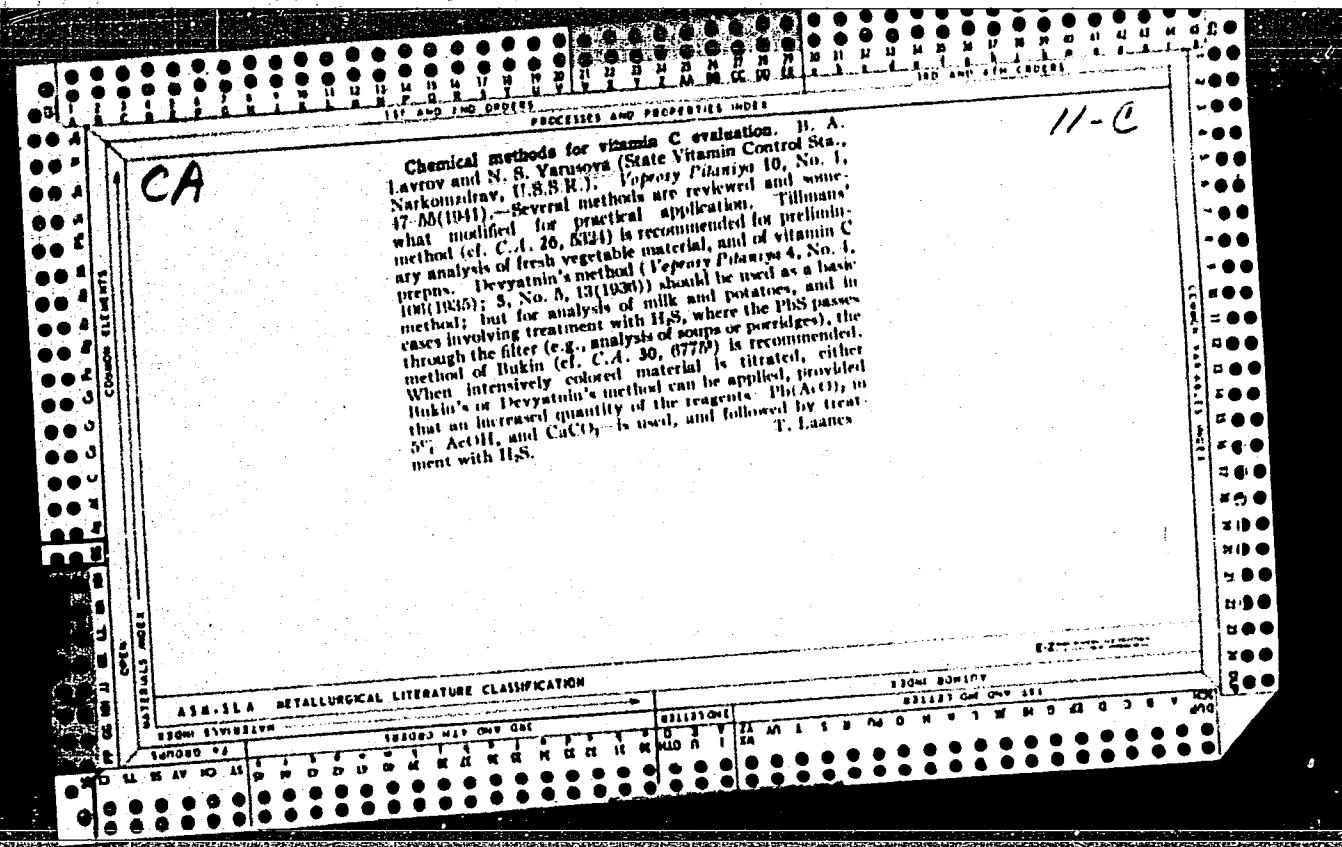
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59/49T86

PROF N. S. YARUSOVA

USSR/Medicine - Vitamin C Feb 49
Medicine - Ascorbic Acid

"Content of Vitamin C In Preparations Manufactured by Soviet Firms," Prof N. S. Yarusova, Mav on Vitamin C, State Control Vitamin Sta., Min of Pub Health USSR, 15 pp

"Fig 1 San" No 2

Vitamin C preparations contain 80-120% of the rated vitamin content. After prolonged storage this content varies from 72.6 to 101.4%. Preparations manufactured by Shchelkovskiy Vitamin Factory contain 100-160% of rated capacity in 72% of the cases. Vitamin content

59/49T86

USSR/Medicine - Vitamin C (Contd) Feb 49

In candies manufactured by Ufa Factory was very low.

59/49T86

YARUSOVA, N.S.

Enriching foods for public consumption with vitamins. Vop. pit. 12 no.6:
76-78 N-D '53.

(MLRA 6:12)

1. Iz gosudarstvennoy kontrol'noy vitaminnoy stantsii (direktor - deystvi-
tel'nyy chlen Akademii meditsinskikh nauk SSSR professor B.A.Lavrov) Minis-
terstva zdravookhraneniya SSSR (Moscow).
(Vitamins)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962220003-6

YARUSOVA, N.S., professor.

Consultation. Vop.pit. 12 no.6:85 N-D '53.

(Roses) (Beverages)

(MLRA 6:12)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962220003-6"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962220003-6

YARUSOVA, N.S.

✓ Transcription of this document served in public interests. 2.

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"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962220003-6

YARUSOVA, N.S., professor

Infusion of conifer needles. Zdrov'e 2 no.4:31 Ap '56. (MLRA 9:7)
(ASCORBIC ACID) (EXTRACTS)

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001962220003-6"

YARUSOVA N.S.

Country : USSR
Category : Human and Animal Physiology.
Metabolism. Vitamins.
Abs. Jour. : Ref Zhur-Biol., No 23, 1956, 106231
Author : Yarusova, N. S.; Solivanova, V. M.; Lapina, S.A.
Institut. :
Title : The Physiological Effects of Substances with
R-Vitamin Activity.
Orig. Pub. : Vopr. pitaniya, 1957, 16, No 5, 66-75

Abstract : In experiments on guinea pigs it was established that when tea catechol preparations were introduced to the animals in daily doses of 2-10 mg, their growth, the content of ascorbic acid in their blood, and the nature of pathomorphologic changes at the presence of scurvy were not affected. As the same preparations were introduced to rats (5 and 10 mg), however, pronounced capillary strengthening effects were produced

Card:

1/2

Dept. of Vitamin S + P -
State Sci Res Inst. Dietimology
24 Min Health USSR - Moscow

YARUSOVA, N.S.

Session of the Vitaminological Research Institute of the Ministry
of Public Health of the U.S.S.R. Vop. pit. 17 no. 5:88-91 S-0 '58
(MIRA 11:10)
(VITAMINS)

YARUSOVA, N.S.; DERGACHEV, I.S.; SELIVANOVA, V.M.; LAPINA, S.A.

Physiological effect of vitamin P-like substances. Vit. res. i ikh
isp. no.4:92-97 '59. (MIRA 14:12)

1. Institut vitaminologii Ministerstva zdravookhraneniya SSSR,
Moskva.

(VITAMINS--P)

YARUSOVA, N.S.; BEREZOVSKAYA, N.N.; LAPINA, S.A.; TIKOTSKAYA, K.M.

The technique of biological determination of vitamin P-like substances.
Vit. res. i ikh isp. no.4:179-183 '59. (MIRA 14:12)

1. Institut vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva.
(VITAMINS—P) (BIOLOGICAL ASSAY)

YARUSOVA, N.S.; LAPINA, S.A.

Biological test for vitamin P active substances in a Lecoq diet
[with summary in English]. Vop.pit. 18 no.1:45-49 Ja-F '59.

(MIRA 12:2)

1. Iz ot dela vitaminov C i P (zav. - prof. N.S. Yarusova) Gosudarst-
vennogo nauchno-issledovatel'skogo instituta vitaminologii Minister-
stva zdravookhraneniya SSSR, Moskva.

(DIETS,

Lecoq diet, determ. of vitamin P (Rus))

(VITAMIN P, determ.

in Lecoq diet (Rus))

YARUSOVA, Natal'ya Sergeyevna; CHERNIKOVA, L.V., red.; BALDINA, N.F.,
tekhn.red.

[Vitamin C (ascorbic acid) and food enriched with Vitamin C]
O vitamine C (askorbinovoi kisloty) i C-vitaminizatsii pishchi.
Moskva, Gos.izd-vo med.lit-ry, 1960. 57 p. (MIRA 13:7)
(ASCORBIC ACID)

GRIGOROVSKIY, I.M., prof.; TALYBOVA, S.T., vrach (Baku); KONOVALOV, I.I.,
kand.med.nauk (Yessentuki); YARUSOVA, N.S., prof.; FATEYEVA, Ye.M.,
kand.med.nauk; GOLYAKHOVSKIY, V.Yu., kand.med.nauk

Health hints. Zdorov'e 7 no.8:30-31 Ag '61. (MIRA 14:9)
(HYGIENE)

YARUSOVA, N.S.

New daily norms of daily vitamin requirements for man.
Vop.pit. 20 no.3:3-5 My-Je '61. (MIRA 14:6)

1. Iz Nauchno-issledovatel'skogo instituta vitaminologii Ministerstva
zdravookhrameniya SSSR, Moskva.
(VITAMINS)

LAPINA, S.A.; YARUSOVA, N.S.

Effect of vitamin P on the vitamin C level in human milk.
Vop. pit. 22 no.4:48-52 Jl-Ag '63.

(MIRA 17:10)

1. Iz ot dela vitaminov C i P (zav. - prof. N.S. Yarusova)
Gosudarstvennogo nauchno-issledovatel'skogo instituta vita-
minologii Ministerstva zdravookhraneniya SSSR, Moskva.

TSEYTINA, A.Ya. (Moscow); YARUSOVA, N.S., prof., rukovoditel' raboty

Effect of vitamin P on the ascorbic acid metabolism in rats
exposed to a prolonged action of high temperature. Vop. pit.
24 no.4:35-40 Jl-Ag '65. (MIRA 18:12)

1. Laboratoriya fiziologii i patofiziologii vitaminov (zav. -
dotsent M.M.Pates) Nauchno-issledovatel'skogo instituta
vitaminologii Ministerstva zdravookhraneniya SSSR, Moskva.
Submitted August 27, 1964.

BAGDASAROV, A.A.; DUL'TSIN, M.S.; FAYNSHTEYN, F.Ye.; OSYECHENSKAYA, G.V.;
SUKYASYAN, G.V.; YARUSTOVSKAYA, L.Ye.; UMNOVA, M.A.; NIKOLAYEVA, M.I.

Use of bone marrow transplantation in aplastic (hypoplastic) anemias
and acute leukemia. Probl. gemat i perel. krovi 6 no. 2:3-11 '61.
(MIRA 14:2)

(ANEMIA) (LEUKEMIA) (MARROW—TRANSPLANTATION)

YARUSTOVSKAYA, L.E.; SHELGAS, L. Ye.

Cytologic diagnosis using punctates of the lymph nodes.
Lab. delo 8 [i.e.9] no.1:24-27 Ja '63. (MIRA 16:5)

1. Klinicheskaya laboratoriya (zav. N.A.Messineva) TSentral'nogo
ordena Lenina instituta hematologii i perelivaniya krovi (direk-
tor -deystvitel'nyy chlen AMN SSSR prof. A.A.Bagdasarov [deceased])
Ministerstva zdravookhraneniya SSSR.
(LYMPHATICS—PUNCTURE) (DIAGNOSIS, CYTOLOGIC)

DUL'TSIN, M.S., prof.; ZOTIKOV, Ye.A.; URINSON, R.M.; UMNOVA, M.A.;
FAYNSHTEYN, F.E.; SUKYASYAN, G.V.; YARUSTOVSKAYA, L.E.

Immunological studies in homoplastic transfusions of newly
prepared bone marrow. Probl. gemat. i perel. krovi 8
no.12:13-17 D '63. (MIRA 17:9)

1. Iz hematologicheskoy kliniki (zav.- prof. M.S. Dul'tsin) i
serologicheskoy laboratorii (zav. Ye.A. Zotikov) TSentral'nogo
instituta hematologii i perelivaniya krovi (dir.- dotsent A.Ye.
Kiselev) Ministerstva zdravookhraneniya SSSR.

ZAYATS, L.D.; GUSEYNOV, Ch.S.; LAGUTINA, N.Ya.; CHERNOV, G.A.; YARUSTOVSKAYA, L.E.

Juvenile hemorrhages complicated by disorders of the blood coagulation system. Akush. i gin. 40 no.2:69-74 Mr-Ap '64.

(MIRA 17:11)

1. Nauchno-issledovatel'skiy institut akusherstva i ginekologii (dir. - prof. O.V. Makeyeva) Ministerstva zdravookhraneniya SSSR i TSentral'nyy ordena Lenina institut gematologii i perelivaniya krovi (dir. - dotsent A.O. Kiseleva) Ministerstva zdravookhraneniya SSSR, Moskva.

OSECHENSKAYA, G.V., doktor med.nauk; KLIMOVA, N.F.; YARUSTOVSKAYA, L.E.

Effect of blood transfusions from leukemia patients during
the remission period on the course of the leukemic process.
Probl. gemat. i perel. krovi no.2:26-27 '65.

(MIRA 18:11)

1. Gematologicheskaya klinika (zav. - prof. M.S.Dul'tsin)
i klinicheskaya laboratoriya (zav. - N.A.Messineva [deceased])
TSentral'nogo ordena Lenina instituta gematologii i perelivaniya
krovi (dir. - dotsent A.Ye.Kiselev), Moskva.

YARUSTOVSKIY, A.

Automatic compressed-air blower for the formation of ice holes.
(MIRA 13:11)
Rech. transp. 19 no.10:33-34 O '60.

1. Zamestitel' nachal'nika otdela gidrosooruzheniy i energetiki
Upravleniya kanala imeni Moskvy.
(Blowers) (Ice on rivers, lakes, etc.)

YARUSTOVSKIY, A.

Repair of lock chamber guards. Rech. transp. 20 no.8:38-40 Ag
'61. (MIRA 14:10)

1. Zamestitel' nachal'nika otdela gidrosooruzheniy i energetiki
Upravleniya kanala imeni Moskvy.
(Locks (Hydraulic engineering)--Maintenance and repair)

ZHIANOV, Vladimir Sergeyevich; KUSKOV, Lev Sergeyovich; LAVRINOVICH,
Lev Petrovich; MEZHNEV, Dmitriy Ivanovich; PODOCHKIN,
Yevgeniy Makarovich; RUMANTSEV, Aleksandr Mikhaylovich;
SVETLOV, Mikhail Fedorovich, YARUSTOVSKIY, Andrey
Aleksandrovich; LAGAR'KOV, N.I., red.; PEREKHVAL'SKIY, V.S.,
retsenzent; FEDYAYEVA, N.A., red. izd-va; RIDNAYA, I.V.,
tekhn. red.

[Operation of hydraulic structures] Ekspluatatsiya gidrotekhnicheskikh sooruzhenii. Izd.2. By V.S.Zhdanov i dr. Moskva, Izdatelstvo "Rechnoi transport," 1961. 289 p. (MIRA 15:2)
(Hydraulic structures)

YARUSTOVSKIY, A. A.

ZHDANOV, Vladimir Sergeyevich; KUSKOV, Lev Sergeyevich; LAVRINOVICH, Lev Petrovich; MEZHNEV, Dmitriy Ivanovich; POROCHKIN, Yevgeniy Makarovich; RUMYANTSEV, Aleksandr Mikhaylovich; SVETLOV, Mikhail Fedorovich; YARUSTOVSKIY, Andrey Aleksandrovich; RZHANITSYN, N.A., kandidat tekhnicheskikh nauk, redaktor; VINOGRADOVA, N.M., redaktor izdatel'stva; SALAZKOV, N.P., tekhnicheskiy redaktor

[Operation of hydraulic engineering installations] Mkspluatatsiya
gidrotekhnicheskikh sooruzhenii. Pod red. N.A.Rzhaniitayna. Moskva,
Izd-vo "Rechnoi transport," 1956. 406 p. (MLRA 10:2)
(Hydraulic engineering)

YARUSTOVSKIY, A. A.

USSR/Engineering - Hydraulics,
Structures

Oct 51

"Sliding Gates for Water-Supply Galleries of
Sluice," A. A. Yarustovskiy, Engr

"Gidrotekh Stroi" No 10, pp 27, 28

Describes new exptl gate with sliding bearings,
made of plasticized wood "Lignofol" and compares
its operation with that of rolling-type gate.
Emphasizes advantages of new design. Gate
closes 2 x 2 m opening and operates under max
head of 6.52 m.

201T107

YARUSTOVSKY, A. A.

PA 227T35

USSR/Minerals - Construction Material, Jun 52
Arctilite

"A New Constructional Material for Hydrotechnical
Construction" I.I. Kuznetsov, A.A. Yarustovskiy,
Engineers

"Gidrotekhnika i Melior" No 6, pp 27-29

Arctilite is a multilaminar reinforced thermoreactive plastic consisting of layers of birch plywood veneer, fabrics, and metal mesh impregnated with phenol or cresol formaldehyde tar and compressed under great pressure. Arctilite is manufactured in sheets 1.2 x 4.8 meters and 1.25 x 5.2 meters, with thickness 1.5 to 50 mm; its sp wt is

227T35

1,490-1,570 kg/cu m. and its yield strength is: 1,670-2,000 kg/sq cm (static bending), 2,080-2,710 kg/sq cm (compression in the pressure plane), 1,350-1,750 kg/sq cm (compression along the grain). Arctilite is now being fully used in dry construction as well as in dams, etc.

227T35

YARUSTOVSKIY, A.A.; SVETLOV, M.F.; LIKIN, V.V., redaktor; BALAKIREV, V.F.,
redaktor; FRANK, S.I., vedushchiy redaktor; BEGICHEVA, M.N.,
tekhnicheskiy redaktor.

[Operation of mechanical and electrical sluice gate equipment]
Eksploatatsiya mekhanicheskogo i elektricheskogo oborudovaniia
shliuzov. Moskva, Izd-vo Ministerstva rechnogo flota SSSR, 1952.
(MLRA 7:11)
210 p. [Microfilm]
(Sluice gates)

YARUSTOVSKIY, A. A., KUZNETSOV, I. I.

Building Materials

"Arktillit" and its application. Rech. transp. 12, no. 2, March-April 1952

9. Monthly List of Russian Accessions, Library of Congress, August 1957, Uncl.
2

YARUSTOVSKIY, A. A.

Ekspluatatsia i remont shliuzovykh dvustvorchatykh vorot /Operation and repair of
turn-leaf lock gates/. Moskva, Vodtransizdat, 1953. 111 p.
SO: Monthly List of Russian Accessions, Vol. 6 No. 11 February 1954

ROMASHKOV, V.N., Inzh.; YAROTIN, V.K., Inzh.

Practices in building a coal preparation plant in the Kuznetsk Basin.
From. stroi. 42 no.10:11-15 O '64. (MIRA 17611)

1. Treat Leninskshakhtstroy.

AUTHORS: Kochergin, V. P., Yarutina, K. P. SOV/156-58-2-15/48

TITLE: The Dissolution of Iron in Molten Sodium and Zinc Halides
(Rastvorenije zheleza v rasplavlenykh galogenidakh natriya i tsinka)

PERIODICAL: Nauchnyye doklady vysshey shkoly, Khimiya i khimicheskaya tekhnologiya, 1958, Nr 2, pp. 266 - 270 (USSR)

ABSTRACT: The dissolving of different metals in melted chlorides is influenced to a considerable extent by hydrogen ions. These ions can originate: a) by the hydrolysis of salts at high temperatures in the presence of traces of water (Ref 2); b) by the addition of small amounts of HCl to the cations involved. The stability of complex compounds in melted electrolytes depends not only on the nature of the central component of the complex, but also on the nature of the components of the ligand of the complex, as is known (Ref 4). In this paper the results of dissolving iron in the following melt pairs: $ZnCl_2 \cdot NaF$, $ZnCl_2 \cdot NaBr$, $ZnCl_2 \cdot NaJ$, $MgCl_2 \cdot NaBr$, and $MgCl_2 \cdot NaJ$ are explained. Since these compounds contain halide ions the formation

Card 1/4

The Dissolution of Iron in Molten Sodium and Zinc Halides

SOV/236-58-2-15/48

of complex ions is possible. These studies are also of practical interest, since they disclose other means using the chloride salt systems by which non-aggressive mixtures of halides can be found. The speed with which the iron was dissolved was made possible by a previously published method (Ref 13). The results determined from the melted salts with all water removed are given in figure 1. A few results from previous work (Ref 1) are also given. From these results it is apparent that the speed with which the iron dissolves in the systems used decreases in the course of time. It is slower in the magnesium systems than in the zinc systems. In both cases the speed of dissolving decreases in changing from NaCl to NaBr and to NaJ. These regular phenomena can be explained by the increased stability of the complex ions resulting when chloride ions are replaced by bromide, iodide, or fluoride ions in the complex; they can be explained also in terms of the increasing complex-forming tendency in the series $Zn^{+2} \dots Mg^{+2}$ (Refs 1-5). The stability of the complex anions decreases with an increase in temperature, while the ions tend to become more symmetrical (Ref 14). An increase in the concentration of the sodium halides in the melt tends to

Card 2/4

The Dissolution of Iron in Molten Sodium and Zinc
Halides

SOV/156-58-2-15/48

make the anion complex more stable (Fig 3). Any moisture or foreign compounds were next removed from the melt with dry air. The solubility of the iron in this melt was about 300 times less. This refuted the assertions of several authors (Refs 16,17), who claimed that the tempering of metals is destroyed by the oxygen dissolved in the salt vats. Figure 4 shows the decrease in iron solubility in the melt series $ZnCl_2$ -NaCl and $ZnCl_2$ -NaBr and in the melts $ZnCl_2$ -NaCl and $MgCl_2$ -NaCl. The results show the dependence of the iron solubility in melted electrolytes upon the change of stability of the complex anions in the melts, which changes when the polarization characteristics of the central component or of the azido ligands are varied. The tendency of the melt components to hydrolyse and to form compounds with hydrogen ions also plays a role here (Ref 1). A practical result of the investigations is that one can reduce the solubility of iron by preparing appropriate melts of chloride and fluoride salts of different metals. A high vacuum causes a complete ligation of the iron solubility in the melts. There are 4 figures and 20 references, which are Soviet.

Card 3/4

The Dissolution of Iron in Molten Sodium and Zinc
Halides

SOV/156-58-2-15/48

ASSOCIATION: Kafedra neorganicheskoy khimii Ural'skogo gosudarstvennogo
universiteta im.A.M.Gor'kogo (Chair of Inorganic Chemistry of
the Ural State University imeni A.M.Gor'kiy)

SUBMITTED: October 26, 1957

Card 4/4

YARUTKIN, N. G.

"Investigations of the Geometry of Proximity." Cand Phys-Math Sci, Moscow
Order of Lenin State University M. V. Lomonosov, 26 Nov 54. (VM, 16 Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR Higher
Educational Institutions (11)

SO: Sum. No. 521, 2 Jun 55

YARUTKIN, N.G.

Generalized infinitesimal spaces. Uch. zap. Ivan. gos. ped. inst.
10:61-79 '56. (MIR 10:4)
(Topology)

AUTHOR:

YARUTKIN, N.G. (Omsk)

39-3-7/8

TITLE:

On Generalized Proximity Spaces (Ob obobshchennykh prostranstvakh blizosti)

PERIODICAL:

Matematicheskiy Sbornik, 1957, Vol.43, Nr 3, pp.397-400 (USSR)

ABSTRACT:

The author considers certain generalizations of the proximity spaces investigated by Efremovich [Ref. 2]. The proximity space P is denoted as a δ' -space, if in it the proximity of two arbitrary nonempty subsets satisfies, besides of Efremovich's axioms, the following ones:

A₃: From $\bar{A} \delta B$ it follows $A \delta B$, where $\bar{A} = \{x\}_{x \in A}$

A₄: For $x \neq y$ there exists such an open set Γ that

$x \in \Gamma$ and $y \notin \Gamma$.

Theorem: For an arbitrary δ' -space there exists an absolute-

ly closed extension.

A δ_1 -space is called a δ_3 -space, if in it the axiom is

satisfied:

A₄: For arbitrary x and A , where $x \notin A$, there exist disjoint closed δ -neighborhoods $U_x \cap U_A = \emptyset$.

Card 1/2

On Generalized Proximity Spaces

39-3-7/8

Theorem: Each bicomplete has one and only one δ_3 -space
which is compatible with it.

4 Soviet references are quoted.

SUBMITTED: 3 July 1956

AVAILABLE: Library of Congress

1. Topology 2. Mathematics-Theory

Card 2/2

YARUTKIN, N.G.

Discussing the program in mathematics for a three-year school. Mat
v shkole no. 5:47-49 S-0 '60. (MIRA 13:10)

1. Zaveduyushchiy kafedroy vysshey matematiki Novosibirskogo elektro-
tekhnicheskogo instituta.
(Mathematics--Study and teaching)

YARUTKIN, N.G.

Relation between quasi-infinitezinni spaces and δ_2 -spaces.
Uch. zap. Novosib. gos. ped. inst. no.18:85-87 '61

Infinitesimally homotopic classes of uniformly continuous
mappings of a straight line into another straight line.
Ibid.:88-92

(MIRA 17:10)

ALFEROV, Zh.I.; YARV, E.A.

"Breakdown" of silicon alloy diodes in the transmission direction.
Fiz.tver.tela 1 no.12:1879-1882 D '59. (MIRA 13:5)

1. Fiziko-tehnicheskiy institut AN SSSR, Leningrad.
(Diodes)

L 15811-66EWT(m)/ENP(j)RHACC NR: AT5028950

SOURCE CODE: UR/2807/64/000/210/0025/0036
38
37
B+1

AUTHOR: Raudsepp, Kh. T.; Yarv, E. K.ORG: Tallinn Polytechnic Institute (Tallinskiy politekhnicheskiy institut)TITLE: Synthesis of resorcinol polycarbonates15, 44, 53

SOURCE: Tallinn. Politekhnicheskiy institut. Trudy. Seriya A, no. 210, 1964. Sbornik stately po khimii i khimicheskoy tekhnologii (Collection of articles on chemistry and chemical engineering), no. 10, 25-36

TOPIC TAGS: resorcinol, phenol, polymer, polycarbonate plastic, polycondensation, interfacial polycondensation

ABSTRACT: The reaction of resorcinol with carbonyl chloride was studied in aqueous NaHCO_3 solution at $\text{pH}=8.6-8.7$ and $20-25^\circ\text{C}$, in aqueous NaOH solution at $\text{pH}=12.0-12.4$ and $20-25^\circ\text{C}$, in aqueous Na_2CO_3 solution at $\text{pH}=9.34-9.65$ and $20-25^\circ\text{C}$, and in such organic solvents as pyridine, dichloromethane, chloroform, carbon tetrachloride, dichloroethane, benzene, toluene and meta-xylene. The object of the work was to examine the feasibility of synthesis of polycarbonates of dihydroxyphenols via re-

UDC: 668. 741. 7

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L 15811-66

ACC NR: AT5028950

action with carbonyl chloride. An optimum 90% conversion of resorcinol and maximum yield of resorcinol polycarbonate was obtained in aqueous Na₂CO₃ solution with a 2:1 molar ratio of Na₂CO₃ to resorcinol and a 10-20% excess of phosgene. Maximum molecular weight (1000-1500) of polycondensate was obtained during heterogeneous reaction in organic solvents. The rather low degree of polycondensation is attributed to low solubility of resorcinol polycarbonates. Among organic solvents, the most advantageous were found to be those containing halogens (e. g., carbon tetrachloride) since they inhibit hydrolysis of the chlorine-containing terminal groups, thus facilitating the polycondensation reaction. Orig. art. has: 2 figures, 6 tables.

SUB CODE: 071 SUBM DATE: 00/ ORIG REF: 013/ OTH REF: 017

Card 2/2 SYM

L 18422-66 EWT(i)/EWP(j) JXT(CZ)/RM

ACC NR: AT6003223 (A)

SOURCE CODE: UR/2807/64/000/215/0071/0077

AUTHOR: Yarv, E. K.

ORG: none

35^o

B+1

TITLE: The synthesis of polycarbonates of resorcinol. 2nd Communication

SOURCE: Tallinn. Politekhnicheskiy institut. Trudy, Seriya A, no. 215, 1964. Sbornik statey po khimii i khimicheskoy tekhnologii (Collection of articles on chemistry and chemical engineering), no. 11, 1964, 71-77

TOPIC TAGS: polycondensation, polycarbonate plastic, resorcinol, resin, zinc oxide, plastic, catalyst, lead oxide, manganese compound

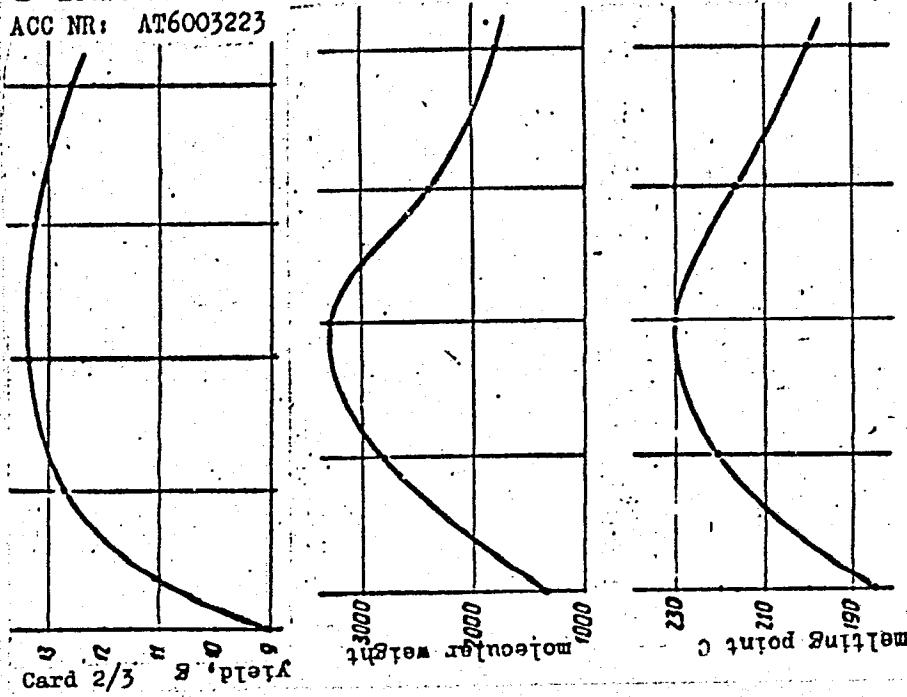
ABSTRACT: Polycondensation of resorcinol with diphenylcarbonate was investigated to extend the work of Kh. T. Raudsepp and E. K. Yarv (Trudy TPI, seriya A, No. 210, 1964, 25-36). The molecular weight, melting point, and drop point of the polycondensate were determined as functions of initial composition of the reactants. The experimental results are presented in graphs and tables (see Fig. 1). It was found that catalysts ZnO, $(\text{CH}_3\text{COO})_2\text{Co}$, MnCO₃ and PbO had no effect on the synthesis, that peresterification of diphenylcarbonate with resorcinol yields polycarbonates with

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2
UDC: 542.91

L 18422-66

ACC NR: AT6003223



42 46 49
Molar ratio of diphenylcarbonate and resorcinol

Fig. 1. Dependence of the yield, molecular weight and melting point of the polycarbonate on the initial ratio of diphenylcarbonate and resorcinol.

L 18422-66
ACC NR: AT6003223

D

molecular weights in excess of 5000, and that the synthesized polycarbonates have melting points in excess of 240C and are insoluble in common solvents. It is concluded that the polycondensation process proceeds in two stages: 1) formation of a low-molecular weight polycarbonate with phenyl end-groups; 2) the liberation of diphenylcarbonate and the formation of the high-molecular weight polycarbonate in vacuum and at elevated temperature. Orig. art. has: 3 tables and 1 graph.

SUB CODE: 11/ SUBM DATE: none/ ORIG REF: 009/ OTH REF: 009

Card 3/3 mc

YARV, K.

Soil-improvement and marsh-cultivation days in Tooma.

P. 376, (Sotsialistlik Polumajandus) Vol. 12, no. 8, Aug. 1957, Tallinn, Estonia

SO: Monthly Index of East European Acessionss(EEAI) Vol. 6, No. 11 November 1957

KARV, K.

"New proposals for the solution of some production problems on
collective farms."

p. 568 (Sotsialistlik Polulumajandus) Vol. 12, no. 12, Dec. 1957
Tallinn, Estonia

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

JARV, K.

AGRICULTURE

Periodical: SOTSIALSTLIK PÖLLUKAJANDUS. Vol. 14, no. 2, Jnn. 1959

JARV, K. The sixth Scientific Conference. p. 89.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

VARV, M.

Experiences in using light type hog houses. p. 137.

SOTSIALISTLIK POLLUMAJANDUS. (Pöllumajanduse Ministeerium) Tallinn,
Estonia. Vol. 13, no. 3, March 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 11,
November 1959.

Uncl.

YARV, Yu.

Swine production on the Koidu Collective Farm, Viljandi District.

p. 399 (Sotsialistiklik Poliumajandus) Vol. 12, no. 9, Sept. 1957, Tallin, Estonia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

YARV, Yu, [Jarv, J.], inzhener.

"oading device for all-purpose freight containers. Avt.transp. 35
no.1:13-14 Ja '57. (MIRA 10:3)

1. Ministerstvo avtomobil'nogo transporta i shosseynykh dorog Eston-
skoy SSR. (Loading and unloading)

S/137/62/000/001/101/237
A052/A101

AUTHOR: Varv, V.

TITLE: Arc welding of aluminum parts

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 19, abstract 1E101
(Tehnika ja tootmine, no. 4, 1961, 22, Estonian)

TEXT: The scientific-research institute of the automobile transport (NIIAT) has developed the technology of welding silumin automobile parts. (OZA-2) electrodes are used for welding. The electrode Al-wire contains 4.5 - 6% Si. The electrode secures 1 - 1.5% seam shrinkage. The electrode coating composition (percentage): cryolite - 25, AΦ-4A (AF-4A) slag - 65, potassium chloride - 9, porous Ti - 1. It is recommended to use for welding direct current of reversed polarity. The amperage for electrodes of 4,5 and 6 mm in diameter is 100 - 125, 125 - 165 and 165 - 200 a respectively.

M. Toykka

[Abstracter's note: Complete translation]

Card 1/1

YARVA, V. A., BATUSOV, YU. A., BUNYATOV, S. A., SIDOROV, V. M.,

"Production of Charged Mesons by 245 Mesons on Hydrogen"

paper presented at the Intl Conference on High Energy Physics, Rochester, N. Y.
and/or Berkly California, 25 Aug - 16 Sep 1960.

YARVEKYUL'G, A. A. Cand Biol Sci -- (diss) ~~XXX~~"The Biology and
Industrial Importance of the ~~XXXXXX~~ Broad-Limbed Crayfish
(Astacus astacus L.) in the Estonian SSR." Tartu, 1957. 17 pp, 1
sheet of diagrams, 20 cm. (Tartu State Univ), 150 copies
(KL, 26-57, ~~XX~~ 107)

YARVEKYUL'G; A-A.

YARVEKUIG, A.

The spot disease of crayfish (Astacus astacus L.) in Estonia. p.242.

HUDROBIOLOGILISED UURIMUSED. GIDROBIOLOGICHESKIE ISSLEDOVANIA.
Tartu. Hungary. No. 1, 1958.

Monthly List of East European Accessions (EEAI) LC, vol. 8, no. 11
November 1959.

Uncl.

JARVEKULG, A.

Occurrence of the male *Ilyodromus olivaceus* (Brady et Norman) (Ostracoda, Cypridae). In Russian. p. 242.

TIOMETISED. BIOLOGILINE SEERIA. IZVESTIIA. SERIIA BIOLOGICHESKAIA.
(Eesti NSV Teaduste Akadeemia) Tallinn, Estonia. Vol. 8, no. 3, 1959.

Monthly list of East European Accessions (EEAI) Vol. 9, no. 1, Jan. 1960.

Uncl.

JÄRVEKÜLG

JÄRVEKÜLG, Arvi; VELDRE, Ivar; METSAR, J., red.; TIMMER, K.,
tekhn. red.

[Life in the Baltic Sea] Elu Laanemeres. Tallinn, Eesti
Riiklik Kirjastus, 1963. 350 p. (MIRA 16:12)
(Baltic Sea--Marine biology)

JARVEKULG, L. ; TCONSALU, A.

Cytohistological peculiarities of the germination and differentiation of callus cells. p. 222.

TIOMETISED. BIOLOGILINE SEERIA. IZVESTIJA. SERIIA BIOLOGICHESKAIA.
(Eesti NSV Teaduste Akadeemia) Tallinn, Estonia. Vol. 8, no. 3, 1959.

Monthly list of East European Accessions (EEIA) Vol. 9, no. 1, Jan 1960.

Uncl.

YARVEKYUL'G, L.Ya. [Jarvekulg, L.]

Some data on regeneration in the leaf cuttings of *Hyacinthus orientalis* L. and *Scilla sibirica* Andr. Bot. zhur. 50 no.9: 1305-1307 S '65. (MIRA 18:10)

1. Tartuskiy gosudarstvennyy universitet.

YARVELA, Kh.A., aspirant

Estimating the accuracy of the neutron method in measuring
soil moisture under field conditions. Izv. TSKHA no.3:171-184
'62. (MIRA 15:9)

(Soil moisture) (Neutrons)

YARVELA, Kh.A.

New method for calibrating neutron moisture meters. Izv. TSKHA
no.6:195-208 '62. (MIRA 16:6)

(Soil moisture--Measurement)

YARVIS, Kh., inzh.

More consideration to be given to ammonia filters. Khol.tekh.
37 no.3:51 My-Je '60. (MIRA 13:7)
(Refrigeration and refrigerating machinery)

YARYGIN, A.; PARTOSH, S.

Loading logs in large bundles on trucks. Sel'stroi. 13
no. 3:20-21 Mr '59. (HIRA 12:5)

1. Glavnyy mekhanik Tyumenskoy lesozagotovitel'noy kontory (for
Yarygin). 2. Starshiy inzhener ot dela lesozagotovok Glavkolkhoz-
stroya Ministerstva sel'skogo khozyaystva RSFSR (for Partosh).
(Lumber--Transportation)
(Loading and unloading)

KANATCHIKOV, A.; RUMYANTSEV, A.; YARYGIN, A.

Industrial wages for assembly-line work. Sots. trud 6 no.11:69-
75 N '61. (MIRA 14:11)

(Leningrad--Assembly line methods)
(Leningrad--Wage payment systems)

KANATCHIKOV, A.; RUMYANTSEV, A.; YARYGIN, A.

Wages for assembly-line work. Sots.trud 7 no.7:106-112 J1
'62. (MIRA 15:8)

1. Laboratoriya promyshlenno-ekonomiceskikh issledovanii
Leningradskogo soveta narodnogo khozyaystva.
(Leningrad--Telephone, Automatic--Equipment and supplies)
(Assembly-line methods) (Wage payment systems)

YARYGIN, A.V.

Increasing the efficiency of continuous registration of the intensity of cosmic rays by self-quenching counters. Trudy IAk.fil. AN SSSR, Ser. fiz. no.1:55-60 '55. (MLRA 9:10)

(Cosmic rays) (Astronomical instruments)

YARYGIN, A.V.

PHASE I BOOK EXPLOITATION 881

Akademiya nauk SSSR. Yakutskiy filial

Variatsii intensivnosti kosmicheskikh luchey (Variations of the Intensity of Cosmic Rays) Moscow, Izd-vo AN SSSR, 1958. 168 p. (Series: Its: Trudy, seriya fizicheskaya, vyp. 2) 1,500 copies printed.

Resp. Ed.: Shafer, Yu.G., Candidate of Physical and Mathematical Sciences; Ed. of Publishing House: Fradkin, M.I.; Tech. Ed.: Pavlovskiy, A.

PURPOSE: This collection of articles is for scientists and students of cosmic rays and meteorology.

COVERAGE: This issue contains articles on experimental methods in the continuous registration of cosmic rays, the investigation of meteorological effects of the different components of cosmic rays, and the connection between variations in cosmic ray intensity and solar and magnetic activity. Part I describes apparatus used in

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3

Variations of the Intensity of Cosmic Rays 881

measuring cosmic ray intensity on and under the earth's surface and in the upper layers of the atmosphere, and specifically discusses the ASK automatic ionization chamber. Part II discusses the theory, methods and results of the investigation of meteorological effects of the various components of cosmic rays. Part III discusses the characteristics of daily variations in cosmic ray activity. The following scientists are mentioned in the introduction: S.N.Vernov, Corresponding Member of the AS USSR, Professor Ye.L.Feynberg, and N.L.Grigorov, Doctor of Physical and Mathematical Sciences. The articles are accompanied by diagrams, tables, and bibliographic references.

TABLE OF CONTENTS:

Preface

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Variations of the Intensity of Cosmic Rays 881

PART I. APPARATUS FOR MEASURING VARIATIONS
OF INTENSITY OF COSMIC RAYS

Shafer, Yu.G. Continuous Registration of Variations in the Intensity of Cosmic Rays by an Ionization Chamber With Automatic Control	7
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Kuz'min, A.I., Scripin, G.B., <u>Yarygin, A.V.</u> , Installation for Studying the Energy Characteristics of Cosmic Ray Variations	34
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Card 3/6
3

YARYGIN, A.V.

Variants in the systems of quenching discharges in self-quenching converters. Nauch. soob. IAFAN SSSR no.1:82-86 '58. (MIRA 17:1)

S/169/61/000/005/040/049
A005/A130

AUTHORS: Shafer. Yu.G., Yarygin, A.V.

TITLE: Investigation of variations of primary cosmic radiation by means of artificial earth satellites

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 5, 1961, 19, abstract 5 G 155. (Tr. Yakutskogo fil. AN SSSR. Ser. fiz., 1960, no. 3, 5-14)

TEXT: The authors discuss the most expedient choice of recording equipment necessary for measuring the primary cosmic ray stream and its intensity variations by means of artificial earth satellites and space rockets. They prescribe the utilization of single counters, a double coincidence telescope and an ionization chamber. They submit recommended technical characteristics and describe devices that were tested in geo-physical rockets (ionization chamber and counter devices).

[Abstractor's note: Complete translation.]

Card 1/1

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SHAVER, Yu.G.; YARYGIN, A.V.

Measuring cosmic rays with geophysical rockets. Isk.sput.Zem.
no.4:184-194 '60. (MIRA 13:5)
(Cosmic rays--Measurement)
(Rocket research)

COVERAGE: The collection consists of 15 articles dealing with scientific data on Soviet artificial earth satellites (AES) and cosmic rockets. The topics discussed include measurements of the density of the upper atmosphere, action of AES, measurements of micrometeorites and meteoric matter, magnetometric measurements of cosmic rays, electrical potential, and spectrum of positive ions. The collection is part of a series published regularly. References follow each article.

SHAFER, Yu.G.; SOKOLOV, V.D.; SKRYABIN, N.G.; LYUTENKO, V.F.; YARYGIN, A.V.;
SALIMZIAROV, R.B.

Distribution of cosmic ray intensity in the atmosphere up to
an altitude of 500 km. Kosm. issl. 2 no.6:928-932 N.D '64.
(MIRA 17,12)

L 15691-6^a FSF(h)/FSS-2/EWT(1)/REC(m)/FS(v'-?)/EWG(s)-?/EWG(v)/FCC/EWA(1)

ANALYST: A. A. Slobodkin, D. V. N.

REVIEWER: G. V. K.

AUTHOR: Shafer, Yu. G.; Sokolov, V. N.; Skryabin, N. G.; Iyutenko, V. P.; Yarygin, A. V.; Salimzibarov, R. B.

TITLE: Intensity distribution of cosmic rays in the atmosphere to a height of 500 km

SOURCE: Kosmicheskiye issledovaniya, v. 2, no. 6, 1964, 928-932

TOPIC TAGS: solar activity cycle, cosmic ray, geophysical rocket, single counter, ionization camera, Kosmos satellite, cosmic ray albedo, magnetic storm

ABSTRACT: In the period from 1958 to 1963, during a decrease in solar activity, cosmic ray measurements have been carried out by means of geophysical rockets and satellites of the Kosmos type. Geophysical rockets were equipped with single counters and ionization cameras. Satellites of the Cosmos type were equipped with ionization cameras, single counters, and counting telescopes for measuring the cosmic ray albedo. Rocket and satellite launchings were scheduled for days without magnetic storms and quiet sun. Primary cosmic rays were measured at heights of 100—500 km. The cosmic ray albedo measured by rockets equipped with special

Card 1/2

L 15691-65

ACCESSION NR: AP5000175

devices was found to be insignificant. Numerical values of measurement data show a slight increase in particle count with height. No indications were found which would associate systematic variations in the intensity of primary cosmic rays with the eleven-year cycle of solar activity. Orig. art. has: 1 figure and 3 tables.

ASSOCIATION: none

SUBMITTED: 13May64

ENCL: 00

SUB CODE: AA, SV

NO REF SOV: 003

OTHER: 008

ATD PRESS: 3144

Card 2/2

YARYGIN, N. YE.

PA-75T69

USSR/Medicine - Malaria
Medicine - Drugs, Effects

Apr 1948

"Atabrin Psychosis," N. Ye. Yarygin and N. I. Nagibina
Babent Regional Hosp, Bukhar Oblast, Uzbek SSR, 12 pp

"Sov Meditsina" No 4

Therapeutic doses of atabrin are excellent medicinal means for controlling malaria. However atabrin affects nervous system and builds up internal resistance to itself. Heavy doses of atabrin bring about a condition of intoxication and often result in severe psychosis.

75T69

YARYGIN, N. YE.

PA 66/49T75

USSR/Medicine - Typhus

Blood Pressure Apr 49

"Changes in the Blood Pressure in European Typhus Recurrents," N. Ye Yarygin, Chief Dr, Vabkent Rayon HosP, Bukharskiy Oblast, 1½ pp

"Klin Med" Vol XXVII, No 4

Blood pressure is lower during the whole course of typhus recurrents. The drop is greatest immediately after the crisis. Pressure gradually returns to normal after the fever subsides. Change is in the maximum, and not the minimum pressure, with change occurring least

66/49T75

USSR/Medicine - Typhus
(Contd) • Apr 49

during initial stages of apyrexia. During convalescence, pressure returns to normal rapidly.

66/49T75

YARYGIN, N.Ye.

Prodromal period in European recurrent fever. Klin.med., Moskva
no.3:83-85 Mr '50. (CLML 19:2)

1. Of Babkent District Hospital (Head Physician -- N.Ye.Yarygin),
Bukhara Oblast, Uzbek SSR.

~~YARYGIN N. Ye.~~

~~YARYGIN, N.Ye.~~

~~Pathology and morphology of the vegetative nervous system in
tuberculosis. Arkh.pat., Moskva 12 no.2:72-79 Mar-Apr 50. (CIML 19:4)~~

~~1. Of the Department of Pathological Anatomy (Head --Academician
A.I.Abrikosov) of the First Moscow Order of Lenin Medical Institute,
Moscow.~~

YARYGIN, N.Ye.

Certain problems in clinical aspects and pathogenesis of tuberculosis.
Probl. tuberk., Moskva No. 1:5-14 Jan-Feb 52. (CML 21:5)

1. Of the Department of Pathological Anatomy (Head--Academician A.I. Abrikosov; Subject Scientific Supervisor--Prof. A.I. Strukov, Corresponding Member of the Academy of Medical Sciences USSR), First Moscow Order of Lenin Medical Institute.

YARYGIN, N. E. and ROMANENKO, G. F.

1148. Yarygin, N. E. and Romanenko, G. F. *Arkhiv f. Patol.* 16, 52-57, Jan.-March, 1954. 7 figs., 9 refs.

Neuropathological Findings in Pemphigus Vulgaris.

In this paper the histological changes found in the peripheral nerve endings, sympathetic ganglia, ganglion nodosum, spinal cord, brain stem, hypothalamus, and cerebral cortex in 2 cases of pemphigus vulgaris are described. The changes in the peripheral parts of the nervous system were considered to be chiefly irritative in nature. The vegetative nerve centres in the spinal cord were more involved than those of the somatic nerves. The nerve cells in the hypothalamus, the cranial nerve nuclei, and the lateral horns of the spinal cord were more affected than the peripheral ganglia, and there were therefore lesions in the preganglionic conduction fibres. Among the histological changes were beading and swelling of the nerve endings, chromatolysis and swelling of nerve cells, and occasional shrinking of the cells, with hyperchromatosis. Changes were also present in the cerebral cortex, but these were less marked than those in the hypothalamus, medulla oblongata, and spinal cord.

L. Crome

SO: Abstracts of World Medicine AWM Vol. 16 No. 4

YARYGIN, Nikita Yeremeyevich; VOLGAREVA, N.P., redaktor; ROMANOVA, Z.A.,
tekhnicheskiy redaktor

[Pathomorphology of the vegetative nervous system in tuberculosis]
Patomorfologija vegetativnoi nervnoi sistemy pri tuberkuleze.

Moskva, Gos. izd-vo med. lit-ry, 1956. 234 p. (MLRA 9:10)

(TUBERCULOSIS)

(NERVOUS SYSTEM, SYMPATHETIC--DISEASES)

USSR / Human and Animal Physiology. Digestion, Stomach.

T

Abs Jour : Rof Zhur - Biol., No 15, 1958, No. 70273

Author : Varygin, N. Ye.; Shepoleva, N. S.

Inst : Not given

Title : Long-term Results with Bilateral Vagotomy

Orig Pub : Arkhiv Patologii, 1957, Vol 19, No 7, 41-44

Abstract : A patient with an ulcer of the duodenum was subjected to bilateral vagotomy at the subdiaphragmatic level. Pains and disturbances of secretory and motor function of the stomach continued. Studies of the stomach, which was resected 2 years and 10 months later, revealed severe dystrophic changes in the glands, smooth musculature, and nervous apparatus of the gastric wall. Vagotomy should not be used in treatment of ulcer. -- D. Ye. Ryvkin

Chair Pathological Anatomy, Yaroslavl Med Inst.

Card 1/1

85

YARYGIN, N.Ye. (Yaroslavl')

Pathomorphology of the central & peripheral nervous systems in toxic forms of Botkin's disease & in atrophic cirrhosis of the liver [with summary in English]. Arkh.pat. 20 no.3:21-29 '58.

(MIRA 11:5)

1. Iz kafedry patologicheskoy anatomii (zav.-prof. N.Ye. Yarygin) Yaroslavskogo meditsinskogo instituta.

(NERVOUS SYSTEM, pathol.

morphopathol. of peripheral & central NS in infect.

hepatitis & liver cirrhosis (Rus)

(HEPATITIS, INFECTIOUS, pathol.

peripheral & central NS morphopathol. (Rus)

(LIVER CIRRHOSIS, pathol.

same)

YARYGIN, N.Ye., ANDREYEV, S.F., PSHENISOVA, T.F. (Yaroslavl')

Unusual forms of lymphogranulomatosis. Klin.med.36 no.7:112-118
J1 '58 (MIRA 11:11)

1. Iz kafedry patologicheskoy anatomii (zav. prof. N.Ye. Yarygin)
Yaroslavskogo meditinskogo instituta.
(HODGKIN'DISEASE, case reports
unusual form (Rus))

YARYGIN, N.Ye., prof.; BEREZHKOVA, R.V.

Case of myeloblastosis combined with lymphogranulomatosis [with
summary in English, p.63]. Probl.gemat. i perel.krovi 4 no.1:48-51
Ja-F '59. (MIRA 12:2)

1. Iz kafedry patologicheskoy anatomi (zav. - prof. N.Ye.Yarygin)
Yaroslavskogo meditsinskogo instituta.
(HODGKIN'S DISEASE, compl.
leukemia (Rus))
(LEUKEMIA, compl.
Hodgkin's dis. (Rus))

YARYGIN, N.Ye.

Pathological anatomy of transitional forms of leukemia.
Arkh.pat. 22 no.3:54-61 '60. (MIRA 13:12)
(LEUKEMIA)

YARYGIN, N. Ye.; NIKOLAYEV, G. M. (Yaroslavl')

Pathomorphology of the vascular system in acute radiation injury.
Arkh. pat. no. 8:24-32 '61. (MIRA 15:4)

1. Iz kafedry patologicheskoy anatomi (zav. - prof. N. Ye.
Yarygin) Yaroslavskogo meditsinskogo instituta.

(RADIATION SICKNESS) (BLOOD VESSELS)

YARYGIN, N.Ye. (Yaroslavl')

Pathological anatomy of Wegener's granulomatosis. Arkh. pat. 26 no.4:
60-65. '64. (MIRA 18:7)

1. Kafedra patologicheskoy anatomii (zav. - prof. N.Ye. Yarygin)
Yaroslavskogo meditsinskogo instituta.